



## Discover Portage Road Lesson Plan

### Shore Sites

### Joseph Davis State Park / Lake Ontario

Subject Area: Science

**Grades 6-8**

**Subject Area**      Science & Geography

#### **New York State P-12 Common Core Learning Standards for Mathematics, Science and Technology**

Standard 1: Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.

##### 1.1 Scientific Inquiry

1.11 The central purpose of scientific inquiry is to develop explanations of natural phenomena in a continuing, creative process

1.12 Beyond the use of reasoning and consensus, scientific inquiry involves the testing of proposed explanations involving the use of conventional techniques and procedures and usually requiring considerable ingenuity

Standard 2: Students will access, generate, process, and transfer information using appropriate technologies

##### 2.1 Information Systems

2.11 Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning.

#### **Overview**

##### **Joseph Davis State Park**

Joseph Davis State Park is located north of Lewiston off Lower River Road/Route 18F. The park offers some shoreline fishing access as well as a universally accessible fishing platform for anglers with disabilities.

##### **Earl W. Brydges Artpark State Park**

Located between Lewiston and the NYPA Power Vista, Artpark State Park has over a mile of river shoreline. A network of trails lead anglers down to the river's edge in a few locations. A stairway near the parking area off South 4th Street offers anglers the easiest access to the river's edge. While Artpark anglers do catch some salmon during the peak of the salmon run, this site is better known for quality steelhead fishing opportunity from November through April. In addition, the area at the base of the aforementioned stairs is the top river site for smelt dipping in April.

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### **Additional Shore Access**

Anglers can fish from the shoreline at Lewiston Landing Waterfront Park in Lewiston. In Youngstown, anglers can fish from Water Street Village Park and Constitution Park.

### **Activity**

Students will:

- Access *Lower Niagara River Fishing Access - Map 3 Joseph Davis SP to Lake Ontario* at [http://www.dec.ny.gov/docs/fish\\_marine\\_pdf/lowerniariver.pdf](http://www.dec.ny.gov/docs/fish_marine_pdf/lowerniariver.pdf)
- Use the Legend for the Map to identify the following:

1	Lewiston Landing Waterfront Park, Water Street Village Park, Constitution Park	A	Popular Boat Drift
2.	Youngstown	B	State Parks
3	Fort Niagara State Park Joseph Davis State Park	C	North
4	Peggy's Eddy Johnson Drift Coast Guard Drift	D	Municipal Park with Fishing Access
5	River Flow	E	City/ Village
6	Water Street Village Park Fort Niagara State Park	F	Fish Cleaning Station and Parking
7	Robert Moses Highway	G	Length of River Section
8	Fort Niagara State Park	H	Border
9	0.4	I	Boat Launches
10	Ontario Canada/ New York United States	J	Major Road

### **References**

*Fishing the Lower Niagara River.* New York Department of Environmental Conservation at <http://www.dec.ny.gov/outdoor/67913.html>

*Niagara River Fishing Access - Map 3 Joseph Davis SP to Lake Ontario* at [http://www.dec.ny.gov/docs/fish\\_marine\\_pdf/lowerniariver.pdf](http://www.dec.ny.gov/docs/fish_marine_pdf/lowerniariver.pdf)

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### Answers

1	Lewiston Landing Waterfront Park, Water Street Village Park, Constitution Park	D	Municipal Park with Fishing Access
2.	Youngstown	E	City/ Village
3	Fort Niagara State Park Joseph Davis State Park	B	State Parks
4	Peggy's Eddy Johnson Drift Coast Guard Drift	A	Popular Boat Drift
5	River Flow	C	North
6	Water Street Village Park Fort Niagara State Park	I	Boat Launches
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